List of Publications by Year
in descending order

82 papers	3,565 citations	159585 30 h-index	138484 58 g-index
82 all docs	82 docs citations	82 times ranked	1395 citing authors

#	Article	IF	Citations
1	On the maximum extropy negation of a probability distribution. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 234-246.	1.2	3
2	Renyi extropy. Communications in Statistics - Theory and Methods, 2023, 52, 5836-5847.	1.0	7
3	A Majority Rule-Based Measure for Atanassov-Type Intuitionistic Membership Grades in MCDM. IEEE Transactions on Fuzzy Systems, 2022, 30, 121-132.	9.8	16
4	CaFtR: A Fuzzy Complex Event Processing Method. International Journal of Fuzzy Systems, 2022, 24, 1098-1111.	4.0	71
5	A new base function in basic probability assignment for conflict management. Applied Intelligence, 2022, 52, 4473-4487.	5.3	4
6	A generalized ï‡2 divergence for multisource information fusion and its application in fault diagnosis. International Journal of Intelligent Systems, 2022, 37, 5-29.	5.7	18
7	CEQD: A Complex Mass Function to Predict Interference Effects. IEEE Transactions on Cybernetics, 2022, 52, 7402-7414.	9.5	102
8	Information Quality for Intuitionistic Fuzzy Values with Its Application in Decision Making. Engineering Applications of Artificial Intelligence, 2022, 109, 104568.	8.1	75
9	Combining time-series evidence: A complex network model based on a visibility graph and belief entropy. Applied Intelligence, 2022, 52, 10706-10715.	5.3	50
10	Interval-valued intuitionistic fuzzy jenson-shannon divergence and its application in multi-attribute decision making. Applied Intelligence, 2022, 52, 16168-16184.	5.3	36
11	Complex belief intervalâ€based distance measure with its application in pattern recognition. International Journal of Intelligent Systems, 2022, 37, 6811-6832.	5.7	1
12	On the Maximum Entropy Negation of a Complex-Valued Distribution. IEEE Transactions on Fuzzy Systems, 2021, 29, 3259-3269.	9.8	58
13	An improved approach to generate generalized basic probability assignment based on fuzzy sets in the open world and its application in multi-source information fusion. Applied Intelligence, 2021, 51, 3718.	5.3	5
14	GIQ: A Generalized Intelligent Quality-Based Approach for Fusing Multisource Information. IEEE Transactions on Fuzzy Systems, 2021, 29, 2018-2031.	9.8	61
15	CED: A Distance for Complex Mass Functions. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1525-1535.	11.3	75
16	A Novel Conflict Measurement in Decision-Making and Its Application in Fault Diagnosis. IEEE Transactions on Fuzzy Systems, 2021, 29, 186-197.	9.8	110
17	A Generalized Golden Rule Representative Value for Multiple-Criteria Decision Analysis. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3193-3204.	9.3	12
18	FRâ€"KDE: A Hybrid Fuzzy Rule-Based Information Fusion Method with its Application in Biomedical Classification. International Journal of Fuzzy Systems, 2021, 23, 392-404.	4.0	13

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19	A novel dynamic weight allocation method for multisource information fusion. International Journal of Intelligent Systems, 2021, 36, 736-756.	5.7	5
20	A Distance Measure for Intuitionistic Fuzzy Sets and Its Application to Pattern Classification Problems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3980-3992.	9.3	159
21	Conflicting management of evidence combination from the point of improvement of basic probability assignment. International Journal of Intelligent Systems, 2021, 36, 1914-1942.	5.7	9
22	Complex Pignistic Transformation-Based Evidential Distance for Multisource Information Fusion of Medical Diagnosis in the IoT. Sensors, 2021, 21, 840.	3.8	7
23	Complex Entropy and Its Application in Decision-Making for Medical Diagnosis. Journal of Healthcare Engineering, 2021, 2021, 1-10.	1.9	1
24	A distance for belief functions of orderable set. Pattern Recognition Letters, 2021, 145, 165-170.	4.2	46
25	A fast evidential approach for stock forecasting. International Journal of Intelligent Systems, 2021, 36, 7544-7562.	5.7	10
26	A novel complex evidential distance with its application in pattern recognition. Engineering Applications of Artificial Intelligence, 2021, 104, 104312.	8.1	4
27	An improved gravity model to identify influential nodes in complex networks based on k-shell method. Knowledge-Based Systems, 2021, 227, 107198.	7.1	64
28	A fuzzy preference-based Dempster-Shafer evidence theory for decision fusion. Information Sciences, 2021, 570, 306-322.	6.9	39
29	TDCMF: Two-dimensional complex mass function with its application in decision-making. Engineering Applications of Artificial Intelligence, 2021, 105, 104409.	8.1	4
30	A belief Hellinger distance for Dâ€"S evidence theory and its application in pattern recognition. Engineering Applications of Artificial Intelligence, 2021, 106, 104452.	8.1	39
31	The identification of crucial spreaders in complex networks by effective gravity model. Information Sciences, 2021, 578, 725-749.	6.9	34
32	A Novel Complex Pignistic Belief Transform for Conflict Measure in Complex Evidence Theory. Communications in Computer and Information Science, 2021, , 183-191.	0.5	0
33	A new divergence measure for belief functions in Dâ€"S evidence theory for multisensor data fusion. Information Sciences, 2020, 514, 462-483.	6.9	185
34	TDIFS: Two dimensional intuitionistic fuzzy sets. Engineering Applications of Artificial Intelligence, 2020, 95, 103882.	8.1	10
35	Generalized belief function in complex evidence theory. Journal of Intelligent and Fuzzy Systems, 2020, 38, 3665-3673.	1.4	72
36	A GMCDM approach with linguistic Z-numbers based on TOPSIS and Choquet integral considering risk preference. Journal of Intelligent and Fuzzy Systems, 2020, 39, 4285-4298.	1.4	14

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37	A method for combining conflicting evidences with improved distance function and Tsallis entropy. International Journal of Intelligent Systems, 2020, 35, 1814-1830.	5.7	20
38	A generalized belief interval-valued soft set with applications in decision making. Soft Computing, 2020, 24, 9339-9350.	3.6	12
39	Generalization of Dempster–Shafer theory: A complex mass function. Applied Intelligence, 2020, 50, 3266-3275.	5.3	125
40	Evidence combination based on prospect theory for multi-sensor data fusion. ISA Transactions, 2020, 106, 253-261.	5.7	71
41	An intuitionistic linguistic MCDM model based on probabilistic exceedance method and evidence theory. Applied Intelligence, 2020, 50, 1979-1995.	5.3	2
42	A Fuzzy Interval Time-Series Energy and Financial Forecasting Model Using Network-Based Multiple Time-Frequency Spaces and the Induced-Ordered Weighted Averaging Aggregation Operation. IEEE Transactions on Fuzzy Systems, 2020, 28, 2677-2690.	9.8	39
43	Conflict Management of Evidence Theory Based on Belief Entropy and Negation. IEEE Access, 2020, 8, 37766-37774.	4.2	15
44	A Hybrid Distributed Frequent Itemset Mining Method with Its Application in Medical Diagnosis. Lecture Notes in Computer Science, 2020, , 394-403.	1.3	0
45	An Improved Multi-Source Data Fusion Method Based on the Belief Entropy and Divergence Measure. Entropy, 2019, 21, 611.	2.2	28
46	A new matrix game with payoffs of generalized Dempster–Shafer structures. International Journal of Intelligent Systems, 2019, 34, 2253-2268.	5.7	10
47	A Data-Driven Dynamic Data Fusion Method Based on Visibility Graph and Evidence Theory. IEEE Access, 2019, 7, 104443-104452.	4.2	5
48	Combine Conflicting Evidence Based on the Belief Entropy and IOWA Operator. IEEE Access, 2019, 7, 120724-120733.	4.2	6
49	A Novel Sensor Dynamic Reliability Evaluation Method and its Application in Multi-Sensor Information Fusion. IEEE Access, 2019, 7, 146144-146157.	4.2	3
50	Workflow scheduling in distributed systems under fuzzy environment. Journal of Intelligent and Fuzzy Systems, 2019, 37, 5323-5333.	1.4	46
51	Negation of Basic Probability Assignment: Trends of Dissimilarity and Dispersion. IEEE Access, 2019, 7, 111315-111323.	4.2	4
52	EFMCDM: Evidential fuzzy multicriteria decision making based on belief entropy. IEEE Transactions on Fuzzy Systems, 2019, , 1-1.	9.8	106
53	An Evidential Aggregation Method of Intuitionistic Fuzzy Sets Based on Belief Entropy. IEEE Access, 2019, 7, 68905-68916.	4.2	14
54	A New Distance for Intuitionistic Fuzzy Sets Based on Similarity Matrix. IEEE Access, 2019, 7, 70436-70446.	4.2	20

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55	A New Distance Measure of Belief Function in Evidence Theory. IEEE Access, 2019, 7, 68607-68617.	4.2	13
56	An improved method to determine basic probability assignment with interval number and its application in classification. International Journal of Distributed Sensor Networks, 2019, 15, 155014771882052.	2.2	6
57	A novel method for forecasting Construction Cost Index based on complex network. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121306.	2.6	12
58	Aggregation of uncertainty data based on ordered weighting aggregation and generalized information quality. International Journal of Intelligent Systems, 2019, 34, 1653-1666.	5.7	10
59	An Improved Multisensor Data Fusion Method and Its Application in Fault Diagnosis. IEEE Access, 2019, 7, 3928-3937.	4.2	30
60	An Intuitionistic Evidential Method for Weight Determination in FMEA Based on Belief Entropy. Entropy, 2019, 21, 211.	2.2	17
61	A Multiple-Criteria Decision-Making Method Based on D Numbers and Belief Entropy. International Journal of Fuzzy Systems, 2019, 21, 1144-1153.	4.0	94
62	Divergence measure of Pythagorean fuzzy sets and its application in medical diagnosis. Applied Soft Computing Journal, 2019, 79, 254-267.	7.2	206
63	Negation of Belief Function Based on the Total Uncertainty Measure. Entropy, 2019, 21, 73.	2.2	20
64	Time Series Forecasting Based on Complex Network Analysis. IEEE Access, 2019, 7, 40220-40229.	4.2	32
65	Time Series Data Fusion Based on Evidence Theory and OWA Operator. Sensors, 2019, 19, 1171.	3.8	14
66	An Improved Method to Transform Triangular Fuzzy Number Into Basic Belief Assignment in Evidence Theory. IEEE Access, 2019, 7, 25308-25322.	4.2	31
67	A New Conflict Management in Evidence Theory Based on DEMATEL Method. Journal of Sensors, 2019, 2019, 1-12.	1.1	9
68	Bayesian Update with Information Quality under the Framework of Evidence Theory. Entropy, 2019, 21, 5.	2.2	10
69	Multi-sensor data fusion based on the belief divergence measure of evidences and the belief entropy. Information Fusion, 2019, 46, 23-32.	19.1	447
70	A novel multi-criteria decision making method for assessing health-care waste treatment technologies based on D numbers. Engineering Applications of Artificial Intelligence, 2018, 71, 216-225.	8.1	158
71	A Hybrid Fuzzy Soft Sets Decision Making Method in Medical Diagnosis. IEEE Access, 2018, 6, 25300-25312.	4.2	103
72	An Improved Method for Combining Conflicting Evidences Based on the Similarity Measure and Belief Function Entropy. International Journal of Fuzzy Systems, 2018, 20, 1256-1266.	4.0	75

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73	An Adaptive Parallel Processing Strategy for Complex Event Processing Systems over Data Streams in Wireless Sensor Networks. Sensors, 2018, 18, 3732.	3.8	6
74	A Non-Parametric Method to Determine Basic Probability Assignment Based on Kernel Density Estimation. IEEE Access, 2018, 6, 73509-73519.	4.2	27
75	A Weighted Combination Method for Conflicting Evidence in Multi-Sensor Data Fusion. Sensors, 2018, 18, 1487.	3.8	64
76	New parallel processing strategies in complex event processing systems with data streams. International Journal of Distributed Sensor Networks, 2017, 13, 155014771772862.	2.2	29
77	A Novel Evidence Theory and Fuzzy Preference Approach-Based Multi-Sensor Data Fusion Technique for Fault Diagnosis. Sensors, 2017, 17, 2504.	3.8	70
78	An Intelligent Complex Event Processing with D Numbers under Fuzzy Environment. Mathematical Problems in Engineering, 2016, 2016, 1-10.	1.1	20
79	A novel method to use fuzzy soft sets in decision making based on ambiguity measure and Dempster–Shafer theory of evidence: An application in medical diagnosis. Artificial Intelligence in Medicine, 2016, 69, 1-11.	6.5	90
80	Efficient processing of multiple nested event pattern queries over multi-dimensional event streams based on a triaxial hierarchical model. Artificial Intelligence in Medicine, 2016, 72, 56-71.	6.5	18
81	Economical and Fault-Tolerant Load Balancing in Distributed Stream Processing Systems. IEICE Transactions on Information and Systems, 2012, E95.D, 1062-1073.	0.7	7
82	Information volume of mass function based on extropy. Soft Computing, 0, , 1.	3.6	2